



CAIS Users Group – November 2007

Headquarters News

Gary Horn – Office of Engineering and
Construction Management

Operational Organization Chart

Office of Engineering & Construction Management



Eduard Dailide - Acting Director
Paul Bosco - Director
and Senior Real Property Officer

Pete Check
Deputy Director
Admin Support: Amanda Wilczek
Admin Support: Rosalyn Matthews

Real Estate Team

John Watson
Tom Geronikos

Rosalie Jordan
Deputy Director for Facilities Management
& Professional Development

Catherine Santana
Deputy Director for Project Management
Systems & Assessments

Prof Development Team

Vacant
Wanda Chambers
Steinberg (PMCDP)

Facilities & Infrastructure and Resource Mgmt Team

Peter O'Konski
Phil Dalby
Gary Horn
Randy Sinkler
Nestor Folta
Steve Rossi (Res Mgmt)

Project Management Systems Team

John Makepeace
Cindy Chamberlain
Brian Pleasant
Sylvia Watson



Project Assessment Team

Suneel Kapur
Sheri Bone
Mel Frank
Brian Kong
Lisa Ramdas
Ruben Sanchez
Joe Hicks



PMA Scorecard

President's Management Agenda DEPARTMENT OF ENERGY

	CURRENT STATUS (As of September 30, 2007)		PROGRESS Fourth Quarter FY 2007	COMMENTS
REAL PROPERTY Agency Lead: Paul Bosco, Senior Real Property Officer Lead RMO Examiner: Cynthia Vallina Lead OFFM Analyst: Angela Donatelli	 Green	<p>Asset management plan (AMP) <u>X</u> in place by Q1 2005 (Y) <u>X</u> consistent with Federal Real Property Council (FRPC) standards or expected equivalent by Q2 2005 (Y) <u>X</u> OMB-approved by Q2 2005 (Y) <u>X</u> 3 year timeline for meeting plan goals/objectives by Q3 2006 (G) <u> </u> evidence that plan is being implemented to achieve improved real property mgmt by Q4 2006 (G)</p> <p>Accurate and current inventory <u>X</u> in place by Q3 2004 (Y) <u>X</u> consistent with FRPC standards or expected equivalent by Q3 2004 (Y) <u>X</u> provided to govt.-wide real property database by Q3 2004 (Y) <u>X</u> used in daily management decision-making by Q3 2004 (G)</p> <p>Real property performance measures <u>X</u> in place by Q3 2004 (Y) <u>X</u> consistent with FRPC standards or expected equivalent by Q3 2005 (Y) <u>X</u> used in daily management decision-making by Q4 2006 (G)</p> <p><u>X</u> Evidence that real property management is consistent with agency strategic plan, AMP, and performance measures by Q4 2006 (G)</p>	 Yellow	<p><u>Actions taken this quarter:</u></p> <ul style="list-style-type: none"> • Met PBT5 and 3YRT milestones. • Science completed its 10-Year Site Plan updates and generated an overview of their prioritization process. • Developed and distributed an Asset Condition Index prediction model and used this model to analyze the impacts of various funding scenarios. • Prepared the Facility Information Management System (FIMS) to report the first efficiency measure. • Submitted report of FY07 disposals to date & assessment of progress towards the FY07 disposal goal. • Established a team to develop guidelines & methods to track and trend sustainable design/operations in buildings. <p><u>Planned actions for next quarter:</u></p> <ul style="list-style-type: none"> • Meet all PBT5 & 3-year milestones. • Submit complete & accurate inventory & performance data to the FRPP no later than 12/15/07. • Generate, analyze and report outcomes of the first efficiency measure. • Submit final report (number and value) of FY07 disposition activity. Provide updated goals for FY08 disposition plan. • Meet with OMB to determine what, if any, modifications may be made to approved FY 08 and 09 disposal targets. • Using FY07 FRPP data and performance measures evaluate program performance and identify any necessary corrective actions with appropriate milestones. <p>• DOE remains Green on status and Yellow for progress as it proposed significant changes to the FY'07, 08 and 09 targets identified in the green presentation.</p> <p>• DOE identified the EM disposition plan as the major driver behind the proposed target rebaselining. OMB and DOE will meet in Q1 to discuss new proposed targets. DOE is aware that significant rebaselining could result in a downgrade to its status score.</p> <p>• DOE will act as liaison between the Federal Real Property Council (FRPC) and the Interagency Sustainability Working Group (ISWG). DOE will keep the RFPC advised of ISWG activities and work to ensure open communication between the two initiatives.</p> <p>NOTE: All agencies are expected to report accurate and complete data, consistent with the FRPC inventory and performance measures guidance, to the Federal Real Property Profile database no later than 12/15/07. Failure to comply may impact both status and progress scores.</p>

September 30, 2007



PMA Scorecard

Planned actions for next quarter:

- Meet all PBT5 & 3-year milestones.
- Submit complete & accurate inventory & performance data to the FRPP no later than 12/15/07.
- Generate, analyze and report outcomes of the first efficiency measure.
- Submit final report (number and value) of FY07 disposition activity. Provide updated goals for FY08 disposition plan.
- Meet with OMB to determine what, if any, modifications may be made to approved FY 08 and 09 disposal targets.
- Using FY07 FRPP data and performance measures evaluate program performance and identify any necessary corrective actions with appropriate milestones.



PMA Scorecard

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PMA Scorecard

- DOE will act as liaison between the Federal Real Property Council (FRPC) and the Interagency Sustainability Working Group (ISWG). DOE will keep the FRPC advised of ISWG activities and work to ensure open communication between the two initiatives.

Sustainability



“Sustainability”



Federal Register

**Friday,
January 26, 2007**

Part II

The President

**Executive Order 13423—Strengthening
Federal Environmental, Energy, and
Transportation Management**



Sustainability

- Executive Order 13423 – Strengthening Federal Environmental, Energy, and Transportation Management - January 26, 2007
 - Requires new construction and major renovations to comply with the “*Guiding Principles*”
- Interagency Sustainability Working Group (ISWG) – provides assistance for implementing E.O. 13423 sustainable building design requirements
 - Analogous to the FRPC
 - DOE (Paul Bosco) serves as the liaison between the FRPC and the ISWG to coordinate the efforts of the two groups
- DOE Transformational Energy Action Management Team (TEAM) Initiative August 8, 2007
 - The Secretary wants DOE to lead the Government by exceeding the requirements of E.O. 13423

High Performance and Sustainable Buildings (HPSB)



- Federal Leadership in High Performance and Sustainable Buildings Memorandum of Understanding (2006) - Established the *Guiding Principles*:
 - *Employment of Integrated Design Principles*
 - *Optimization of Energy Efficiency and Use of Renewable Energy*
 - *Protection and Conservation of Water*
 - *Enhancement of Indoor Air Quality*
 - *Reduction of Environmental Impacts of Materials*
- All new construction and major building renovations must incorporate the *Guiding Principles*
- By 2015, 15 percent of existing buildings must incorporate the *Guiding Principles*
- Specifics of implementation still being worked



Impact on Sites

- DOE Order, 430.2B, currently under revision, will implement the requirements of E.O. 13423
 - Develop plans to assess inventory and reach 15 percent by 2015
 - Some buildings will never meet the *Guiding Principles* and can be eliminated from further consideration
 - New construction (designed to LEED Gold) will meet the *Guiding Principles*
 - Perform sustainability evaluations on candidate buildings
 - Design and program improvements to meet 15 percent
 - Construction of renewable energy sources
 - Reduction in energy and water consumption

Stay Tuned!

What is LEED?



The LEED System

What is the
LEED System?

**LEADERSHIP in
ENERGY and
ENVIRONMENTAL
DESIGN**

A leading-edge
system for
certifying
**DESIGN,
CONSTRUCTION,
& OPERATIONS**
of the greenest
buildings in the
world



Scores are tallied for
different aspects of
efficiency and design
in appropriate
categories.

For instance, LEED
assesses in detail:

1. Site Planning
2. Water Management
3. Energy Management
4. Material Use
5. Indoor
Environmental
Air Quality
6. Innovation &
Design Process

Green Facts

John M. Langston High School
Continuation & Langston-Brown
Community Center
Arlington, Virginia

LEED-NC rating out of	69
Silver	35
Sustainable Site	8
Water Efficiency	3
Energy & Atmosphere	4
Materials & Resources	6
Indoor Environmental Quality	11
Innovation & Design	3

USGBC LEED-NC rated Sept. 3, 2003.

LEED Certification Levels

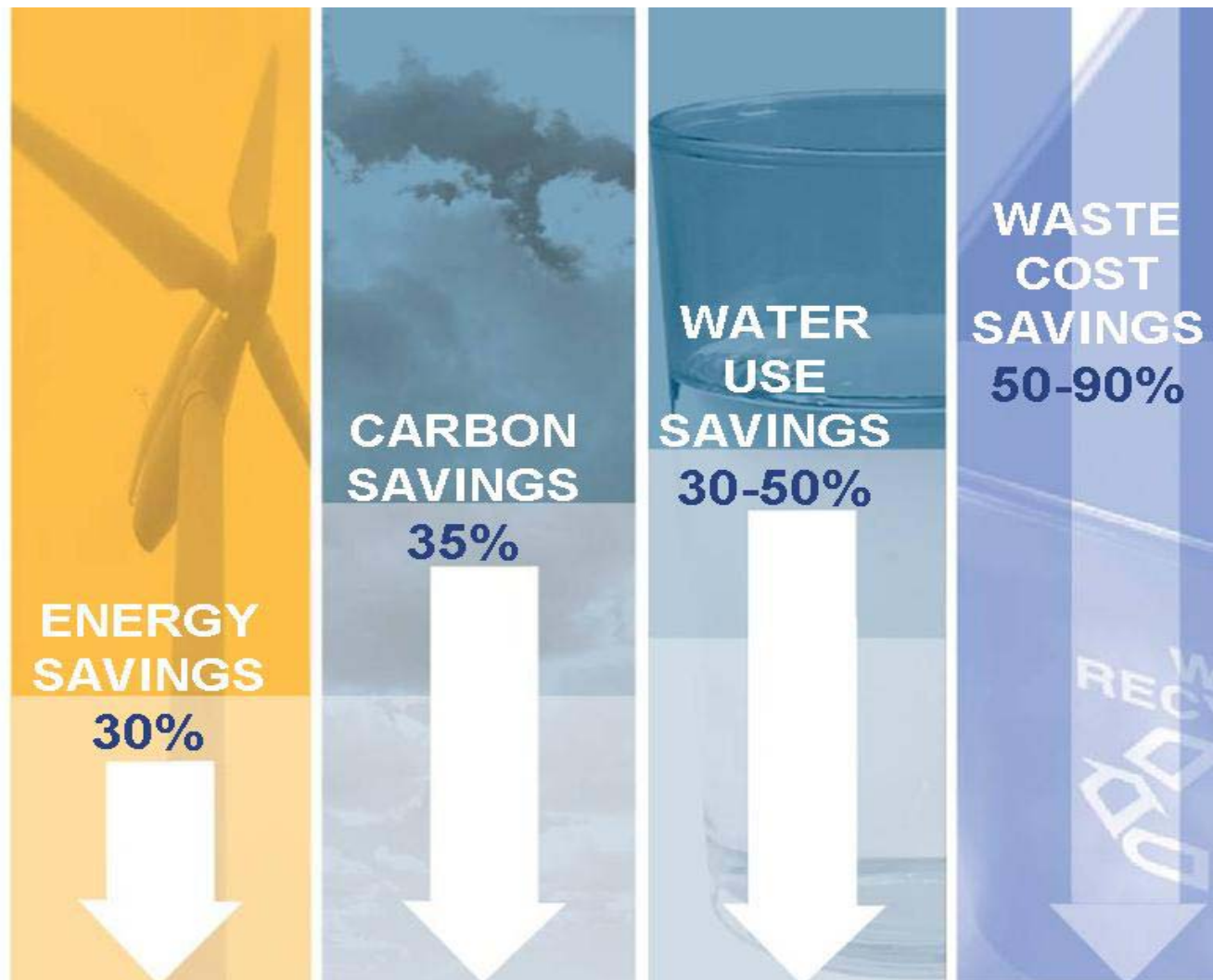


Green Buildings
worldwide are certified with a
voluntary, consensus-based
rating system.
USGBC has four levels of LEED
certification.



LEED Facts

**Average
Savings of
Green
Buildings**



Source:
Capital E

LEED Applicability

LEED for New Construction Buildings Distribution by Building Type

as of 09/06

